

4. Mr. Zakowski's physics class is building a radio. So far, the class has learned that the frequency of a radio wave varies directly as the length of the radio wave. A 750 meter radio wave has a frequency wave of 400 kilohertz. What is the frequency of a radio wave that is 300 meters long?
- A. 160 kilohertz
 - B. 850 kilohertz
 - C. 1,000 kilohertz
 - D. 300,000 kilohertz